

Express Mail No. EV 453253055 US

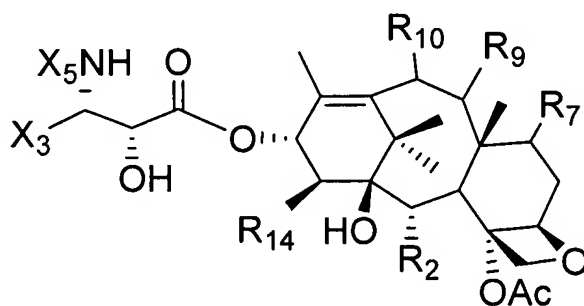
## AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in this application.

### Listing of Claims:

Claims 1-10 (cancel)

11. (original) A method for preparing a pharmaceutical composition comprising mixing at least one nonaqueous, pharmaceutically acceptable solvent and a taxane having the formula



wherein

R<sub>2</sub> is acyloxy;

R<sub>7</sub> is hydroxy;

R<sub>9</sub> is keto, hydroxy, or acyloxy;

R<sub>10</sub> is carbonate;

R<sub>14</sub> is hydrido or hydroxy;

X<sub>3</sub> is heterocyclo;

X<sub>5</sub> is -COX<sub>10</sub>, -COOX<sub>10</sub>, or -CONHX<sub>10</sub>;

X<sub>10</sub> is hydrocarbyl, substituted hydrocarbyl, or heterocyclo; and

Ac is acetyl.

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12. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl.

13. (original) The method of claim 11 wherein  $R_{10}$  is  $R_{10a}OCO-$  and  $R_{10a}$  is methyl or ethyl.

14. (original) The method of claim 11 wherein  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

15. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $R_{10}$  is  $R_{10a}OCO-$  and  $R_{10a}$  is methyl or ethyl.

16. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

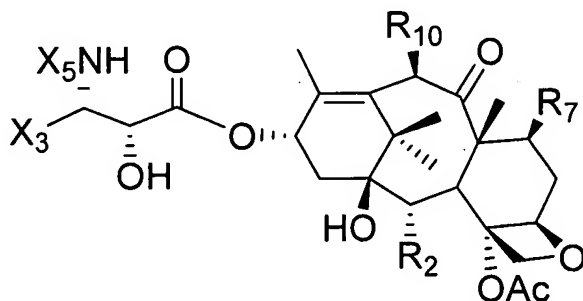
17. (original) The method of claim 11 wherein  $R_{10}$  is  $R_{10a}OCO-$  and  $R_{10a}$  is methyl or ethyl,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or  $X_5$  is  $-COOX_{10}$  and  $X_{10}$  is substituted or unsubstituted  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl.

18. (original) The method of claim 11 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl or 4-pyridyl,  $R_{10}$  is  $R_{10a}OCO-$ ,  $R_{10a}$  is methyl or ethyl,  $X_5$  is  $-COX_{10}$  and  $X_{10}$  is substituted or unsubstituted phenyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl,  $C_1 - C_8$  alkyl,  $C_2 - C_8$  alkenyl, or  $C_2 - C_8$  alkynyl, or

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$X_5$  is  $-\text{COOX}_{10}$  and  $X_{10}$  is substituted or unsubstituted  $\text{C}_1 - \text{C}_8$  alkyl,  $\text{C}_2 - \text{C}_8$  alkenyl, or  $\text{C}_2 - \text{C}_8$  alkynyl.

19. (original) The method of claim 11 wherein  $X_3$  is 2-furyl or 3-furyl.
20. (original) The method of claim 11 wherein  $X_3$  is 2-thienyl or 3-thienyl.
21. (original) The method of claim 13 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
22. (original) The method of claim 14 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
23. (original) The method of claim 18 wherein  $X_3$  is 2-furyl, 3-furyl, 2-thienyl or 3-thienyl.
24. (previously presented) A taxane having the formula



wherein

$X_3$  is isopropyl, isobutenyl, cyclopropyl, cyclobutyl, cyclopentyl, 2-thienyl, 3-thienyl, 2-furyl, 3-furyl, 2-pyridyl, 3-pyridyl, or 4-pyridyl;

$X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is 2-furyl, 2-thienyl, 3-pyridyl, 4-pyridyl, n-propyl, or butenyl;

$R_2$  is benzoyloxy;

$R_7$  is hydroxy;

$R_{10}$  is  $R_{10a}\text{OCOO-}$ ; and

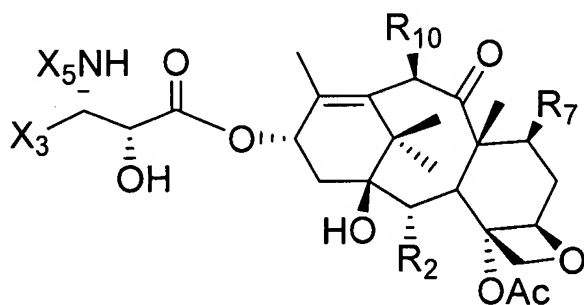
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$R_{10a}$  is methyl or ethyl.

25. (original) The taxane of claim 24 wherein  $X_3$  is 2-thienyl or 3-thienyl.

26. (original) The taxane of claim 24 wherein  $X_3$  is 2-furyl or 3-furyl.

27. (previously presented) A taxane having the formula



wherein

$X_3$  is 2-furyl or 2-thienyl;

$X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is trans-propenyl or isopropyl;

$R_2$  is benzoyloxy;

$R_7$  is hydroxy;

$R_{10}$  is  $R_{10a}\text{OCOO}-$ ; and

$R_{10a}$  is ethyl.

28. (previously presented) The taxane of claim 27 wherein  $X_3$  is 2-furyl.

29. (previously presented) The taxane of claim 27 wherein  $X_3$  is 2-thienyl.

Claim 30 (cancelled)

31. (original) The taxane of claim 27 wherein  $X_5$  is  $-\text{COX}_{10}$  and  $X_{10}$  is trans-propenyl.

FSUM 10460.49  
PATENT

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Claims 32-39. (cancelled)